

## Author Index

- Aabakken L 113  
 Aalykke C 1023  
 Abe T 1330  
 Abely M 470  
 Abo M 368  
 Abonyi M 1092  
 Abrahamsson H 590  
 Adamek MU 1319  
 Adeonigbagbe O 329, 1194  
 Agr  us L 142  
 Ag  ndez JAG 1087  
 Akpınar H 1212  
 Aksg  de K 349  
 Aky  rek N 556  
 Alam NH 711  
 Alanne L 1204  
 Albanes D 950  
 Albert MJ 711  
 Aldersley MA 61  
 Alexander J 534  
 Alexandridis T 1125  
 Alhava EM 318, 1204, 1314  
 Alonso A 1016  
 Alper M 556  
 Andersen LP 359, 897, 1033  
 Andersson SE 190  
 Andersson U 1294  
 Ando T 482  
 Andoh A 1060  
 Anggiansah A 796, 904  
 A   n MC 508  
 Araki Y 1060  
 Ardill JES 578  
 Argonz J 419  
 Ariche A 781  
 Armstrong AM 832  
 Armuzzi A 260, 650  
 Arnott IDR 1163  
 Arslan G 64  
 Artaza T 333  
 Arvidsson D 345  
 Asakura H 1278  
   sberg M 264  
 Astarita C 624  
 Atomi Y 1188  
 Aulin KP 1143  
 Avila-Campos MJ 632  
 Axelson J 612  
  
 Bagnolo F 808  
 Bai JC 1150  
 Bair H 1048  
 Baker SJ 287  
 Baki A 957  
 Bakkevoid KE 293  
 Balaratnam N 889  
 Baldassarri A 814  
 Balsaver A 131  
 Balzano A 111  
 Bamba T 1060  
 Barbara G 114  
 Bardella MT 269  
 Bardhan PK 54  
 Bares R 883  
 Bark T 184  
 Barroso A 131  
 Bassotti G 114  
 Bearzi I 732  
  
 Bekker C 1023  
 Belenli O 556  
 Bell H 1301  
 Beltinger J 54  
 Beltinger RW 54  
 Beltrami M 1272  
 Benitez J 1087  
 Bennato R 624  
 Benoni C 742  
 Bento AP 699  
 Benzaken S 433  
 Berenstein G 419  
 Berg JP 1301  
 Bergamaschi R 449  
 Berger MY 70  
 Berglund G 861  
 Berlin I 329, 1194  
 Bernasconi P 160  
 Berreta J 419  
 Berstad A 64, 759  
 Berthold HK 866  
 Beuers U 642  
 Biagi F 177, 785  
 Bianchi D 433  
 Bianchi PA 269, 814  
 Bianchi Porro G 1233  
 Biggeri A 637  
 Bildozola M 419  
 Bilzer M 654  
 Binder V 1068, 1075  
 Bingen E 160  
 Binmoeller KF 1221  
 Bir   L 1092  
 Biunno I 528  
 Bjarnason I 599, 802  
 Bj  rnbeth BA 873  
 Bj  r  sson E 590  
 Blom J 359, 897, 1033  
 Blomhoff S 583  
 Blomquist L 264  
 Blomqvist P 765  
 Bode MK 747  
 Boehme MW 1003  
 Bogefors J 375  
 Bohnen AM 70  
 Bonanomi A 1272  
 Bonnard A-M 642  
 Bonnevie O 1023  
 Borg K 612  
 Bosco A 419  
 Bove M 234  
 Boverhof R 819  
 Bowden GH 287  
 Brand B 1221  
 Bredesen J 494  
 Bregenholt S 522  
 Brensing KA 866  
 Brett PM 177  
 Bridges M 131  
 Brinch K 490  
 Britto MRC 889  
 Bruce K 742  
 Br  ssow H 711  
 Brynskov J 772  
 Brzozowski T 452, 916  
 Buchanan D 578  
 B  chler MW 1181  
 Buechin P 883  
 Buell U 883  
  
 Buffa R 528  
 Bytzer P 1023  
  
 Cacciarelli A 329  
 Caderni G 637  
 Calafatti SA 699  
 Camacho Fi 333  
 Campbell GR 832  
 Cange L 234  
 Capron J-P 642  
 Carabajal P 508  
 Carlson N 131  
 Carvalho AF 699  
 Casswall TH 711  
 Castagnino N 508  
 Castedal M 590  
 Catassi C 732  
 Cattaneo M 528  
 Central Finland Endoscopy Study Group, The 2  
 Ceranowicz P 916  
 Cerd  n FJ 1087  
 Cesana BM 269  
 Cezard JP 160  
 Chakraborty S 131  
 Chan CC 426, 1308  
 Chang F 123  
 Chang FY 426, 1308  
 Chang W-Y 1288  
 Chapman IM 1041  
 Chen C-T 1308  
 Chen JDZ 368  
 Chen S-C 1288  
 Chiba M 824  
 Chijiwa K 1229  
 Chirido FG 508  
 Chopita N 419  
 Chr  tien Y 642  
 Christensen M 96  
 Chu CJ 426, 1308  
 Chuang W-L 1288  
 Chung Y-H 969  
 Cianchi F 637  
 Ciclitira PJ 177  
 Cintonio M 123  
 Claesson MH 522  
 Clofent J 1272  
 Cohen G 1245  
 Colding H 359, 897  
 Collin P 942, 947  
 Colombel J-F 403  
 C  mlek  i A 1212  
 Concei  o SA 108  
 Conte D 269, 814  
 Coppa GV 732  
 Corazza GR 785  
 Corinaldesi R 114  
 Cornudella R 242  
 Correale M 671  
 Cortot A 403  
 Couto CA 108  
 Coutts M 599  
 Cremerius U 883  
 Croft NM 726  
 Csepregi A 1092  
 Cuervas-Mons V 438  
 Curtis D 177  
 Cutolo M 1251  
 Czeiger D 781  
  
 Dafnis G 765  
 Dahlstr  m AK 711  
 Dahm A 583  
 Dai C-Y 1288  
 Dalmi L 1092  
 Damkier P 312  
 Danielsson    985  
 Danish RANX05 Colorectal Cancer Study Group, the 212  
 Dantin S 433  
 D'Appello AR 732  
 D'Arienzo A 624  
 D'Armiento FP 624  
 Da Silva CMF 699  
 D  vid K 1092  
 De Bree E 438  
 De Bruijn S 607  
 De Filippo C 637  
 De Giorgio R 114  
 Deguer M 699  
 de Jager-Krikken A 1238  
 de Kort H 70  
 de Lagausie P 160  
 Delchier J-C 1245  
 De Lorenzo A 650  
 de Mascarel A 470  
 Dembinski A 916  
 de Muckadell OBS 312  
 De Nucci G 699  
 Deodhar K 1266  
 De Ponti F 114  
 De Ruberto F 528  
 Derveniz CG 337  
 Dezi R 1150  
 Diaz-Rubio M 1087  
 Dickey W 181  
 Dietl K-H 77  
 Di Leo A 671, 753  
 Distant S 1301  
 Dolara P 637  
 Doldan I 1150  
 Domschke W 77, 102  
 Dorland A 897  
 Dos Santos A 699  
 Dos Santos MAA 632  
 Drag B 772  
 Drozdowicz D 452, 916  
 Duane PD 889  
 Duda A 452  
  
 Ebeling F 540  
 Egesten A 742  
 Egger B 1181  
 Eguchi H 476  
 Eide TJ 534  
 Ekblom A 765, 847  
 Ekelund M 501  
 Ekstr  m GM 190  
 Eland IA 1110  
 El Asmar R 732  
 Elmst  hl S 861  
 Eloranta M-L 966  
 Elvenes OP 546  
 Elzinga H 819  
 Elzouki AN 32  
 Engstrand L 389  
 Eriksen J 1023  
 Eriksson LC 83

## Author Index

- Aabakken L 113  
 Aalykke C 1023  
 Abe T 1330  
 Abely M 470  
 Abo M 368  
 Abonyi M 1092  
 Abrahamsson H 590  
 Adamek MU 1319  
 Adeonigbagbe O 329, 1194  
 Agr  us L 142  
 Ag  ndez JAG 1087  
 Akp  nar H 1212  
 Aksg  de K 349  
 Aky  rek N 556  
 Alam NH 711  
 Alanne L 1204  
 Albanes D 950  
 Albert MJ 711  
 Aldersley MA 61  
 Alexander J 534  
 Alexandridis T 1125  
 Alhava EM 318, 1204, 1314  
 Alonso A 1016  
 Alper M 556  
 Andersen LP 359, 897, 1033  
 Andersson SE 190  
 Andersson U 1294  
 Ando T 482  
 Andoh A 1060  
 Anggiansah A 796, 904  
 A    n MC 508  
 Araki Y 1060  
 Ardill JES 578  
 Argonz J 419  
 Ariche A 781  
 Armstrong AM 832  
 Armuzzi A 260, 650  
 Arnott IDR 1163  
 Arslan G 64  
 Artaza T 333  
 Arvidsson D 345  
 Asakura H 1278  
   sberg M 264  
 Astarita C 624  
 Atomi Y 1188  
 Aulin KP 1143  
 Avila-Campos MJ 632  
 Axelson J 612  
  
 Bagnolo F 808  
 Bai JC 1150  
 Bair H 1048  
 Baker SJ 287  
 Baki A 957  
 Bakkevoid KE 293  
 Balaratnam N 889  
 Baldassarri A 814  
 Balsaver A 131  
 Balzano A 111  
 Bamba T 1060  
 Barbara G 114  
 Bardella MT 269  
 Bardhan PK 54  
 Bares R 883  
 Bark T 184  
 Barroso A 131  
 Bassotti G 114  
 Bearzi I 732  
  
 Bekker C 1023  
 Belenli O 556  
 Bell H 1301  
 Beltinger J 54  
 Beltinger RW 54  
 Beltrami M 1272  
 Benitez J 1087  
 Bennato R 624  
 Benoni C 742  
 Bento AP 699  
 Benzaken S 433  
 Berenstein G 419  
 Berg JP 1301  
 Bergamaschi R 449  
 Berger MY 70  
 Berglund G 861  
 Berlin I 329, 1194  
 Bernasconi P 160  
 Berreta J 419  
 Berstad A 64, 759  
 Berthold HK 866  
 Beuers U 642  
 Biagi F 177, 785  
 Bianchi D 433  
 Bianchi PA 269, 814  
 Bianchi Porro G 1233  
 Biggeri A 637  
 Bildozola M 419  
 Bilzer M 654  
 Binder V 1068, 1075  
 Bingen E 160  
 Binmoeller KF 1221  
 Bir   L 1092  
 Biunno I 528  
 Bjarnason I 599, 802  
 Bj  rnbeth BA 873  
 Bj  r  sson E 590  
 Blom J 359, 897, 1033  
 Blomhoff S 583  
 Blomquist L 264  
 Blomqvist P 765  
 Bode MK 747  
 Boehme MW 1003  
 Bogefors J 375  
 Bohnen AM 70  
 Bonanomi A 1272  
 Bonnard A-M 642  
 Bonnevie O 1023  
 Borg K 612  
 Bosco A 419  
 Bove M 234  
 Boverhof R 819  
 Bowden GH 287  
 Brand B 1221  
 Bredesen J 494  
 Bregenholt S 522  
 Brensing KA 866  
 Brett PM 177  
 Bridges M 131  
 Brinch K 490  
 Britto MRC 889  
 Bruce K 742  
 Br  ssow H 711  
 Brynskov J 772  
 Brzozowski T 452, 916  
 Buchanan D 578  
 B  chler MW 1181  
 Buechin P 883  
 Buell U 883  
  
 Buffa R 528  
 Bytzer P 1023  
  
 Cacciarelli A 329  
 Caderni G 637  
 Calafatti SA 699  
 Camacho Fi 333  
 Campbell GR 832  
 Cange L 234  
 Capron J-P 642  
 Carabajal P 508  
 Carlson N 131  
 Carvalho AF 699  
 Casswall TH 711  
 Castagnino N 508  
 Castedal M 590  
 Catassi C 732  
 Cattaneo M 528  
 Central Finland Endoscopy Study Group, The 2  
 Ceranowicz P 916  
 Cerd  n FJ 1087  
 Cesana BM 269  
 Cezard JP 160  
 Chakraborty S 131  
 Chan CC 426, 1308  
 Chang F 123  
 Chang FY 426, 1308  
 Chang W-Y 1288  
 Chapman IM 1041  
 Chen C-T 1308  
 Chen JDZ 368  
 Chen S-C 1288  
 Chiba M 824  
 Chijiwa K 1229  
 Chirido FG 508  
 Chopita N 419  
 Chr  tien Y 642  
 Christensen M 96  
 Chu CJ 426, 1308  
 Chuang W-L 1288  
 Chung Y-H 969  
 Cianchi F 637  
 Ciclitira PJ 177  
 Cintonio M 123  
 Claesson MH 522  
 Clofent J 1272  
 Cohen G 1245  
 Colding H 359, 897  
 Collin P 942, 947  
 Colombel J-F 403  
 C  mlek  i A 1212  
 Concei    o SA 108  
 Conte D 269, 814  
 Coppa GV 732  
 Corazza GR 785  
 Corinaldesi R 114  
 Cornudella R 242  
 Correale M 671  
 Cortot A 403  
 Couto CA 108  
 Coutts M 599  
 Cremerius U 883  
 Croft NM 726  
 Csepregi A 1092  
 Cuervas-Mons V 438  
 Curtis D 177  
 Cutolo M 1251  
 Czeiger D 781  
  
 Dafnis G 765  
 Dahlstr  m AK 711  
 Dahm A 583  
 Dai C-Y 1288  
 Dalmi L 1092  
 Damkier P 312  
 Danielsson    985  
 Danish RANX05 Colorectal Cancer Study Group, the 212  
 Dantin S 433  
 D'Appello AR 732  
 D'Arienzo A 624  
 D'Armiento FP 624  
 Da Silva CMF 699  
 D  vid K 1092  
 De Bree E 438  
 De Bruijn S 607  
 De Filippo C 637  
 De Giorgio R 114  
 Deguer M 699  
 de Jager-Krikken A 1238  
 de Kort H 70  
 De Lagausie P 160  
 Delchier J-C 1245  
 De Lorenzo A 650  
 de Mascarel A 470  
 Dembinski A 916  
 de Muckadell OBS 312  
 De Nucci G 699  
 Deodhar K 1266  
 De Ponti F 114  
 De Ruberto F 528  
 Derveniz CG 337  
 Dezi R 1150  
 Diaz-Rubio M 1087  
 Dickey W 181  
 Dietl K-H 77  
 Di Leo A 671, 753  
 Distant S 1301  
 Dolara P 637  
 Doldan I 1150  
 Domschke W 77, 102  
 Dorland A 897  
 Dos Santos A 699  
 Dos Santos MAA 632  
 Drag B 772  
 Drozdowicz D 452, 916  
 Duane PD 889  
 Duda A 452  
  
 Ebeling F 540  
 Egesten A 742  
 Egger B 1181  
 Eguchi H 476  
 Eide TJ 534  
 Ekblom A 765, 847  
 Ekelund M 501  
 Ekstr  m GM 190  
 Eland IA 1110  
 El Asmar R 732  
 Elmst  hl S 861  
 Eloranta M-L 966  
 Elvenes OP 546  
 Elzinga H 819  
 Elzouki AN 32  
 Engstrand L 389  
 Eriksen J 1023  
 Eriksson LC 83

- Eriksson S 32, 861  
 Ertant A 131  
 Eskelinen MJ 1204  
 Esteve F 242  
 Eysselein VE 1174, 1181  
  
 Fabiani E 732  
 Fainberg M 419  
 Fanciulli G 732  
 Fändriks L 1260  
 Färkkilä M 2, 138, 540, 929  
 Farup CE 152  
 Faruque SM 711  
 Fass J 883  
 Fassio E 419  
 Ferguson A 726  
 Fernández E 398  
 Fernández JA 1016  
 Fernebro J 1200  
 Ferrari TCA 108  
 Ferraz JGP 699  
 Fichera G 528  
 Fihn B-M 380  
 Fitoussi F 160  
 Fjälling M 590  
 Florén CH 32  
 Fociani P 528  
 Fölsch UR 90  
 Folvik G 64  
 Fonollosa V 705  
 Fork F-T 32, 464  
 Fossati CA 508  
 Foster R 802  
 Franco S 1016  
 Fraquelli M 269, 814  
 Fregoni F 528  
 Friess H 337  
 Fritscher-Ravens A 1221  
 Frommherz M 1255  
 Fuchs D 1048  
 Fuchs GJ 711  
 Fuglsang S 490  
 Fujiyama Y 1060  
 Fukuda S 36, 281  
 Fukui H 852  
 Fukushima K 737  
 Fukuzawa M 1324  
 Funayama Y 737  
 Funch-Jensen P 349  
 Fussing V 359  
 Füst G 1092  
  
 Ganesh S 1238  
 Gannon C 832  
 Garcia S 398  
 Garcia Rodriguez LA 306  
 Gardiner KR 832, 1266  
 Gargano D 624  
 Gasbarrini A 260, 650  
 Gasbarrini G 260, 650  
 Gauthier A 438  
 Gazzard B 599  
 Gebbia C 814  
 Gentiloni Silveri N 260  
 Gerbes AL 654  
 Gerdin B 408  
 Gerken G 1174  
 Gernow A 1033  
 Ghirlanda G 260  
 Ghosh S 1163  
 Gielkens HAJ 1157  
 Giercksky K-E 1121  
 Giese B 772  
  
 Gingold B 1194  
 Gips C 438  
 Gjørup T 1023  
 Goebell H 1174  
 Gogos CA 976  
 Goldin E 1150  
 Gomez R 333  
 Gonzalez C 333  
 González T 1016  
 Gortzak Y 781  
 Gotoh M 1330  
 Gower-Rousseau C 403  
 Graff LB 1033  
 Granelli P 528  
 Grangé J-D 642  
 Granot E 1150  
 Greiner L 784  
 Gretarsdottir J 590  
 Grieco A 650  
 Griffiths AP 889  
 Grip O 619  
 Grybäck P 375  
 Gualtieri N 329, 1194  
 Guassora AD 1068  
 Guéchet J 642  
 Guerra V 671  
 Guerrieri C 329  
 Guevara M 419  
 Guglielmi F 637  
 Gülberg V 654  
 Gyr K 54  
  
 Haapiainen R 138, 1216  
 Haedo W 1016  
 Haglund U 345, 389, 1121  
 Hahn EG 452  
 Hallberg K 1106  
 Hällgren R 408  
 Hallgren T 345  
 Halttunen J 561, 719  
 Hamada H 476  
 Hamlin PJ 61  
 Hammar A 759  
 Hammarström L 711  
 Hansen A 772  
 Hansen EF 490  
 Hansen J 1023  
 Härkönen M 950  
 Hartikainen J 990  
 Hartmann B 522  
 Haruma K 255  
 Hasegawa K 1278  
 Hashizume M 1097  
 Haug E 1301  
 Hausken T 759  
 Hedström J 1216  
 Heier HE 1301  
 Heikkinen M 990  
 Heinonen OP 950  
 Heinonen S 966  
 Heiskanen I 1284  
 Heiskanen J 966  
 Helisalmi S 966  
 Hellström PM 375  
 Herbarth O 353  
 Hernández-Bernal F 1016  
 Herzig K-H 90  
 Heyman M 470  
 Hietaranta A 1216  
 Hiltunen M 966  
 Hodgson K 599  
 Hoelscher AH 322  
 Hoentjen F 166  
  
 Hoff G 225  
 Hoffmann G 861  
 Hoffmann P 1174  
 Hoffmann WJ 1003  
 Högberg L 894  
 Holck S 1033  
 Holm K 1137  
 Holm M 1260  
 Holst JJ 522  
 Honma T 1278  
 Hoper M 1266  
 Hopman WPM 166  
 Horányi M 1092  
 Hori K 23  
 Horiguchi Y 1117  
 Horowitz M 1041  
 Horváth G 1092  
 Hoshina S 824  
 Hossain A 54  
 Hou C 1288  
 Hou M-C 1308  
 Howdle PD 61  
 Hsieh M-Y 1288  
 Hsing AW 847  
 Huang H-C 1308  
 Hughes DF 181  
 Hultcrantz R 264, 1294  
 Humphries TJ 1245  
 Husebye E 494  
 Huttunen JK 950  
 Hvattum E 873  
 Hyvärinen H 929  
  
 Ibrányi E 1092  
 Iguchi M 694  
 Iivonen MK 679  
 Iizuka M 824  
 Ikeguchi M 839  
 Imada A 482  
 Imanishi K 476  
 Ina K 482  
 Iñarra P 242  
 Ingebrigtsen T 546  
 Inoue K 247, 1229  
 Ishizuka K 1278  
 Isomoto H 247  
 Ito M 255, 482  
  
 Jäckle S 1221  
 Jacob E 287  
 Jacobsen MB 583  
 Jacobsson H 375  
 Jakobs R 1319  
 Jameson S 894  
 Janatuinen E 990  
 Janisiw M 172  
 Jansen JBMJ 166  
 Janunger K-G 17  
 Jaramillo E 184  
 Järvinen HJ 1284  
 Jeppsson B 501  
 Jmelnitzky A 419  
 Jodal M 380  
 Johansson J 10  
 Johansson S 306  
 Johnson C 131  
 Johnsson F 10  
 Jones MP 142  
 Jones PF 61  
 Jørgensen J 659  
 Juhola M 2  
 Julkunen R 540, 990  
 Jung HC 40  
  
 Jung SA 969  
 Justesen T 1023  
 Juvonen PO 318, 1314  
  
 Kaibara N 839  
 Kajiyama G 255  
 Kakkos SK 976  
 Kalfarentzos F 976  
 Kamada T 255  
 Kamiya S 1188  
 Kanauchi O 1060  
 Kaneko H 482  
 Kanzaki N 1330  
 Kapicioğlu S 957  
 Karacan H 897  
 Karlson B-M 847  
 Karowe M 329  
 Karrenbeld A 1238  
 Karttunen TJ 747, 1137  
 Karvonen A-L 540  
 Katouli M 184, 389  
 Kaukinen K 942, 947  
 Kawanaka H 1097  
 Kawasaki H 23  
 Kaynar K 957  
 Kellokoski JK 1204  
 Kempainen E 1216  
 Kenjo A 1330  
 Kennedy RJ 1266  
 Kiehne K 90  
 Kiess W 353  
 Kim CY 40  
 Kim JA 969  
 Kim JM 40  
 Kim JS 40  
 King AL 177  
 Kingstone K 1163  
 Kinnman N 1294  
 Kirk SJ 832, 1266  
 Kishihara F 1097  
 Kissmeyer-Nielsen P 300  
 Kitada Y 255  
 Kitagawa Y 824  
 Kjærgaard J 1023  
 Kjeldsen AD 784  
 Kjeldsen J 784  
 Kleibeuker JH 1238  
 Klimp A 819  
 Klinkenberg-Knol EC 1238  
 Knipschild P 110  
 Knöfel WT 1221  
 Koetse HA 607, 819  
 Kogan Z 1150  
 Kohno S 247  
 Koike T 960  
 Koji T 247  
 Kokkola A 138  
 Kokkonen J 1137  
 Komatsu M 824  
 Komoto K 255  
 Kono M 824  
 Kono S 476  
 Kono T 368  
 Konturek JW 102  
 Konturek PCh 452  
 Konturek SJ 452, 916  
 Kopp R 686  
 Kordas P 925  
 Korvald C 546  
 Koshinaga T 1324  
 Kosma VM 1204  
 Kosunen TU 138, 929  
 Koyama S 1060

- Kraag N 110  
 Krakau I 264  
 Krasnikoff PA 1033  
 Kravetz D 419  
 Kristoffersson U 1200  
 Krogfelt KA 359  
 Kromann-Andersen H 1023  
 Krumbiegel P 353  
 Kruuse C 1068  
 Kudo H 281  
 Kuipers EJ 1238  
 Kuriyama S 852  
 Kusugami K 482  
 Kuwahara Y 476  
 Kwiecien S 452  
 Kyvik KO 1075
- Labori KJ 873  
 Laccetti M 111  
 Ladero JM 1087  
 Lærum OD 997  
 Laffont C 433  
 Lafolie P 464  
 Laippala P 552, 947  
 Laitinen T 990  
 Lakshmanan J 1174, 1181  
 Lamers CBHW 910, 1157, 1238  
 Lanas A 242  
 Landeira G 419  
 Lång K 985  
 Lankisch M 1010  
 Lappalainen M 540  
 Larkin CJ 578  
 Larrey D 642  
 Larsen S 204  
 Larsen SO 1033  
 Larsson A 408  
 Lauronen J 719  
 Lavelle SM 438  
 Laxén F 950  
 Lechago J 131  
 Ledochowski M 1048  
 Lee FY 426, 1308  
 Lee SD 426, 1308  
 Lee SS 969  
 Lee YS 969  
 Lehtola J 540  
 Leino R 540  
 Leiper JB 1143  
 Lennard-Jones JE 1272  
 Lerner F 699  
 Levy I 781  
 Liesker J 819  
 Lijmer JG 70  
 Limonard CB 1272  
 Lin HC 426, 1308  
 Lin Z-Y 1288  
 Lindgärde F 464  
 Lindgren S 32, 619, 861  
 Link H 711  
 Linsalata M 671  
 Lionello M 111  
 Lipponen PK 1204  
 Ljungdahl M 389  
 Löfman O 274  
 Lohiniemi S 947  
 Longo F 433  
 Look MP 866  
 López-Saura P 1016  
 Lorenzini P 785  
 Loukil C 160  
 Lozano L 1087
- Lu CL 368  
 Luceri C 637  
 Lundholm M 389  
 Luostarinen T 1284  
 Lyberg T 873
- Maas MIM 166  
 Macintosh CG 1041  
 Macry J 160  
 Madsen JL 490  
 Mahalanabis D 54  
 Maintz D 322  
 Mäkelä J 747  
 Mäki M 942, 947, 1137  
 Makino M 839  
 Makuuchi M 981  
 Malagelada J-R 705  
 Malchow-Moeller A 438  
 Malferrari G 528  
 Malm J 742  
 Malt UF 583, 935  
 Manes G 111  
 Manguso F 624  
 Manifold DK 796  
 Mannerman A 966  
 Månsson I 234  
 Marcoccia S 650  
 Markham AF 61  
 Marshall REK 796, 904  
 Martinez H 419  
 Más JA 1016  
 Masclee AAM 910, 1157  
 Mathiex-Fortunet H 642  
 Matikainen M 1170  
 Matikainen MJ 679  
 Matsuda S 218  
 Mattila JJ 679  
 Matysiak-Budnik T 470  
 Maurino E 1150  
 Mavromatopoulos E 508  
 Mayo DR 403  
 Mayo K 470  
 Mayr WR 172  
 Mazzacca G 624  
 McColl KEL 111  
 McIntosh JH 227  
 McLaughlin JK 847  
 McMillan SA 181  
 Mearin F 705  
 Mecklin J-P 2  
 Medhus AW 494  
 Mégraud F 470  
 Meijssen MAC 517  
 Meixner H 452  
 Mele MR 1251  
 Mendes FD 699  
 Menzel J 77, 102  
 Menzies I 599  
 Meriano F 131  
 Messa C 753  
 Michl P 654  
 Miettinen A 791  
 Miettinen TA 719, 929  
 Migou S 1097  
 Miki C 413  
 Mini E 637  
 Mitis-Musio M 916  
 Mitoro A 852  
 Miwa H 49  
 Miyazaki M 247  
 Mizuno T 1117  
 Mizuta Y 247  
 Mjäländ O 446
- Mochizuki T 1278  
 Molino G 438  
 Monteiro E 1272  
 Moon I-H 969  
 Moore P 1181  
 Morise K 482  
 Morley JE 1041  
 Morris M-A 177  
 Mortensen PB 659  
 Mosca S 111  
 Moum B 673  
 Mouzas I 1272  
 Mueller S 1003  
 Mulder H 612  
 Müller DM 353  
 Munakata A 36, 281  
 Murai T 49  
 Murase K 247  
 Murata I 247  
 Murta-Oliveira C 108  
 Murthy SN 1053  
 Mynster T 212
- Nabae T 1229  
 Nagahara A 49  
 Nagura H 737  
 Nagy I 1092  
 Naito H 737  
 Nakano H 1117  
 Nakatani T 852  
 Nakayama N 960  
 Namork E 534  
 Napoli C 637  
 Narisawa R 1278  
 Näslund E 375  
 Nedredal GI 546  
 Nejdfor P 501  
 Nemesánszky E 1092  
 Nesje LB 997  
 Nielsen HJ 212  
 Niemiec J 916  
 Nilbert M 1200  
 Nilsson H-O 897  
 Nilsson J 10  
 Nishio Y 482  
 Nishioka S 694  
 Nishiya D 36  
 Niveloni S 1150  
 Nobata K 482  
 Nordback I 552  
 Nordback IH 679  
 Nordvall M 894  
 Nørgaard A 359, 1033  
 Normann E 446  
 Noshiro M 482  
 Novotný J 925  
 Nuutinen H 540, 929
- Ocio G 398  
 Ødegaard S 997  
 Odes S 1272  
 Ogawa H 737  
 Ogliari C 814  
 Ogura Y 218  
 Ohi M 413  
 Ohkura R 49  
 Ohlsson B 612  
 Ohta K 49  
 Ohtani K 960  
 Ohtsuka K 1278  
 Ohtsuka T 1229  
 Ojetti V 260  
 Okan A 1212
- Okan I 1212  
 Oksanen A 791  
 Olbe L 306, 1260  
 Olofinlade O 329, 1194  
 Olsen O 204  
 Olsson JM 83  
 Orholm M 1075  
 Osnes M 198  
 Osnes T 198  
 Österberg E 264  
 Ostrowski M 131  
 Otte J-M 61  
 Ouzan D 433  
 Owen WA 904  
 Owen WJ 796, 904  
 Özoran Y 957
- Pace F 1233  
 Pahlman L 765  
 Pajdo R 452, 916  
 Pakarinen MP 561, 719  
 Pal J 607  
 Palomino A 1016  
 Panzer S 172  
 Pär A 1092  
 Park NH 969  
 Partanen J 942  
 Pasterkamp S 607  
 Patisoglou TE 556  
 Patra S 1053  
 Paulsen JE 534  
 Paumgartner G 642  
 Pavlis Z 925  
 Pedersen FM 312  
 Pedersen G 772  
 Pedrazzoli J 699  
 Pedreira S 1150  
 Pehl C 1255  
 Pelli H 552  
 Peracchi M 269, 814  
 Peracchia A 528  
 Pereira AA 699  
 Peters FTM 1238  
 Petersen AM 359  
 Peuchmaur M 160  
 Pfaff T 1221  
 Pfeiffer A 686, 1255  
 Piche T 433  
 Pinotti HW 632  
 Piovesana H 699  
 Pitocco D 260  
 Pohjanpelto P 540  
 Pola P 260, 650  
 Politi P 1272  
 Poremba C 77  
 Potenciano JLM 333  
 Poupon R 642  
 Poupon RE 642  
 Pradier C 433  
 Pricci M 753  
 Prins A 70  
 Probst T 1048  
 Pulimood AB 1053  
 Puolakkainen P 138, 1216
- Qiao JC 322  
 Queneau P-E 642  
 Quintanilha AG 632
- Raab Y 408  
 Raabe J-J 642  
 Ræder MG 873  
 Raha-Chowdhury R 1301

- Riih  I 559  
 Raimondo M 1010  
 Raknerud N 1301  
 Ramakrishna BS 1053  
 R m  OJ 1082  
 Rampal P 433  
 Rask-Madsen J 1023, 1121  
 Rasmussen I 389  
 Rasmussen LP 1075  
 Rasmussen V 96  
 Rautelin H 138, 791, 929  
 Rayner CK 1041  
 Rehfeld JF 612  
 Reichel C 866  
 Reims A 1106  
 Reinshagen M 1174  
 Reiser M 654  
 Reunala T 942  
 Revhaug A 546  
 Ricci JA 152  
 Richter T 353  
 Riemann B 102  
 Riemann JF 1319  
 Riestra S 398  
 Riezler R 866  
 Risteli J 747  
 Risteli L 747  
 Ristikankare M 990  
 Robiloti J 329, 1194  
 Robinson PA 61  
 Rockstroh JK 866  
 Rodrigo L 398  
 Rodriguez I 333  
 Rodriguez R 333  
 Rohr G 438  
 Romero G 419, 419  
 Romner B 546  
 Rondina C 732  
 Ropponen KM 1204  
 Rosenberg J 96  
 Rubio CA 223  
 Ruig mez A 306  
 Rumbo M 508  
 Rune S 1023  
 Russel MG 1272  
 Russo F 753  
 Ruth M 234  
 Saad WA 632  
 Sabri O 883  
 Saermark T 772  
 Saint-Paul MC 433  
 Saito H 281  
 Saito T 1330  
 Sakai T 482  
 Sakamoto H 1117  
 Sakorafas GH 337  
 Salminen JT 1082  
 Salo JA 1082  
 Samloff IM 950  
 Sand J 552  
 Sandbu R 345  
 Sande N 950  
 Sandler RS 152  
 Sandstad O 198, 494  
 Sandstedt B 184  
 Santopietro R 123  
 Santos RM 438  
 Sari M 957  
 Sarker SA 711  
 Sarna S 791, 929  
 Sasaki I 737  
 Sasaki K 960  
 Sasaki Y 281  
 Sastre J 1087  
 Sato K 49  
 Sato N 49  
 Sato S 737  
 Sattonnet C 433  
 Sauerbruch T 866  
 Savarino V 1251  
 Sayeed R 1194  
 Scaglione G 624  
 Scarpa R 624  
 Schaefer H 322  
 Schaefer N 322  
 Schaubert J 184  
 Schiemann U 102  
 Schmidt PT 522  
 Schmidt T 1255  
 Schmitz F 90  
 Schmitz JM 1125  
 Schmulen AC 131  
 Schrupf E 1, 113  
 Schulz TB 1272  
 Schulze S 96  
 Schumpelick V 883  
 Schwartz J 131  
 Scolapio JS 1010  
 Seifert E 1125  
 Sepp la K 929  
 Serfaty L 642  
 Shaked G 781  
 Sharpstone D 599  
 Shelef I 781  
 Shen Q 123  
 Sherwood R 599  
 Shimoyama T 36  
 Shinchi K 476  
 Shiota G 23  
 Shiotani A 694  
 Shirahane K 1229  
 Shivananda S 1272  
 Siardi C 528  
 Siddique R 152  
 Sigthorsson G 599, 802  
 Sihvo EIT 1082  
 Silva RG 108  
  im ek I 1212  
 Sipponen P 2, 138, 791, 929, 950  
 Sj lund K 32  
 Sj vall H 380  
 Skar V 198  
 Skobe V 10  
 Sloan JM 578  
 Sloan S 152  
 Slomiany A 1131  
 Slomiany BL 1131  
 Sluiter WJ 1238  
 Smecuel E 1150  
 S derlund K 1143  
 Soehendra N 1221  
 Solcher D 131  
 Sondenaa K 759  
 Song IH 969  
 Song IS 40  
 Sonnant AM 671  
 S reide O 1, 113, 759  
 S rensen TIA 1075  
 Soto G 1016  
 Soto S 333  
 Spengler U 866  
 Spetalen S 583  
 Sriram PVJ 1221  
 Stabler SP 866  
 St hle-B ckdahl M 742  
 Stain C 172  
 St l P 83  
 Stanghellini V 114  
 Steffensen I-L 534  
 Stellaard F 607, 819  
 Stenhammar L 894  
 Stenling R 17  
 Stenman U-H 1216  
 Sternby B 204  
 Stermini C 114  
 Stevenson M 578  
 Stewart WF 152  
 St Marc Girardin M-F 642  
 Stockbr gger RW 1272  
 Stolte M 1125  
 Straathof JWA 910  
 Strandvik B 1106  
 Stremmel W 1003  
 Stricker BHCh 1110  
 Str m M 274  
 Sturkenboom MJCM 1110  
 Suarez A 419  
 Sugamata M 1188  
 Sugawara Y 981  
 Sugimachi K 1097  
 Sugimura K 1278  
 Suh DJ 969  
 Suhr OB 985  
 Suk EK 172  
 Sukegawa Y 1188  
 Sulli A 1251  
 Sumii K 255  
 Sun Y 380  
 Sundler F 612  
 Suzuki A 1278  
 Suzuki H 218  
 Suzuki K 1278  
 Suzuki Y 960  
 Svanes K 997  
 Sv rdsudd K 142  
 Svebak S 759  
  vec A 925  
 Svenberg T 184  
 Svensson PJ 619  
 Sylvan A 17  
 Syrj nen K 123  
 Syrj nen S 123  
 Szentgy rgyi L 1092  
 Takada K 981  
 Takahashi K 737  
 Takala JA 318, 1314  
 Takeshima F 247  
 Talley NJ 142, 227  
 Tanaka M 36, 281, 1229  
 Taniguchi T 839  
 Tankurt E 1212  
 Tanoue K 1097  
 Tanum L 935  
 Tashima K 985  
 Taylor C 599  
 Taylor PR 950  
 Tegl bj rg PS 1023  
 Telegdy L 1092  
 Terg R 419  
 Testoni PA 808  
 Theodossi A 438  
 Thieffin G 642  
 Thijs C 110  
 Thomas LA 889  
 Thomassen Y 1301  
 Thommesen P 349  
 Thomsen OO 1068  
 Th rn M 408  
 Thorsby E 1301  
 Tiainen J 1170  
 Tibble JA 802  
 Tibblin G 142  
 Tieleman S 910  
 Tjoonk R 819  
 T l  H 540  
 Tomikawa M 1097  
 Tondi P 650  
 Tonelli F 637  
 Tonini M 114  
 Tosi P 123  
 Toss G 274  
 T th E 32, 464  
 Toyoda H 1117  
 Toyokawa Y 852  
 Tran A 433  
 Tr po C 642  
 Try K 1301  
 Tsai J-F 1288  
 Tsamandas AC 976  
 Tsantoulas D 438  
 Tsianos EV 1272  
 Tsiftsis DD 438  
 Tsuchiya T 1330  
 Tsugawa K 1097  
 Tsujinoue H 852  
 Tsutsumi A 960  
 Turjanmaa K 942  
 Turler A 322  
 Undlien DE 1301  
 Urdal P 198  
 Usui M 218  
 Valdimarsson T 274  
 Valero J 419, 1150  
 van der Velden JJIM 70  
 van Hogezaand RA 1157  
 Van Kruiningen HJ 403  
 van Meeteren ME 517  
 van Oostayen JA 1157  
 Vanopdenbosch E 403  
 Varga L 1092  
 Varis K 950  
 Vaughan R 177  
 Vazquez H 1150  
 Vegter D 819  
 Ven l inen R 942  
 Venkatraman A 1053  
 Verbaan H 861  
 Veress B 742  
 Verm R 131  
 Vetter D 642  
 Vicinanza G 624  
 Vieth M 1125  
 Vignano R 499  
 Vilardell M 705  
 Vilien M 1023  
 Vinter-Jensen L 300  
 Virtamo J 950  
 Viste A 997  
 Vogelsang H 172  
 von Bubnoff AC 1319  
 Vonk RJ 607, 819  
 Voutilainen M 2  
 Vu MK 1157  
 Vuoristo M 540  
 Vyberg M 1023  
 Wacholder S 847

- Wadström T 897  
Waggershauser T 654  
Wagner M 322  
Wakamiya N 960  
Walder M 32  
Wallander M-A 306  
Wallner B 17  
Wandall EP 312  
Wang CY 667  
Wang G-S 83  
Wang L-Y 1288  
Wang MH 667  
Wang SS 426, 1308  
Wang S-X 990  
Warzecha Z 916  
Watanabe S 824  
Watanabe Y 960  
Watson RGP 578
- Weinryb RM 264  
Weintraub A 711  
Weksler-Zangen S 1150  
Wendl B 1255  
Wengrower D 1150  
Westbrook JI 227  
Weström BR 501  
Wewer V 1033  
Weywadt L 1023  
Whitman D 131  
Widell A 861  
Widner B 1048  
Wikström L 985  
Willén R 10  
Wilson B 312  
Wilson JHP 1110  
Witte J 1272  
Wöjdemann M 204
- Wong JM 667  
Wu SL 426, 1308  
Wu VS 1174  
Wuorela M 559
- Yagita A 1188  
Yamada F 1330  
Yamada T 49  
Yamaguchi K 1229  
Yamasaki K 247  
Yang SH 969  
Yarmenitis SD 976  
Yeşil S 1212  
Yiannakou JY 177  
Yokohata K 1229  
Yonemasu H 1229  
Yoshihara M 255  
Yoshiji H 852
- Yoshimura T 36  
Younes M 131  
Ytrebø LM 546  
Yu M-L 1288  
Yüksel O 556
- Zafrani ES 642  
Zaouche A 160  
Zarski J-P 642  
Zeeh JM 1174  
Zennaro F 528  
Zentilin P 1251  
Zijlstra FJ 517  
Zilberstein B 632  
Zimny M 883  
Zocco MA 650



# Subject Index

- Abdominal actinomycosis 108  
 Abdominal pain 142  
 Abdominal symptoms 70  
 Aberrant crypt foci 534  
 Aberrant transcripts 637  
 Absorptive permeability 190  
 Acetylcholine 1106  
 N-Acetyltransferase 2 1087  
 Achalasia 114, 349, 705  
 Acid 1260  
 Acid clearance 1255  
 Acid suppression 1023  
 Acquired immunodeficiency syndrome 329, 599  
 Actinomycosis 108  
 Actinomycosis of the colon 108  
 Activation-induced cell death 1278  
 Acute hepatic failure 546  
 Acute hepatitis 1117  
 Acute pancreatitis 318, 552, 1110, 1216, 1314, 1319  
 Adaptation 719  
 Adenocarcinoma 131, 1082  
 Adhesion patterns 1033  
 Adults 1033  
 Adverse effects 540  
 Aggression 935  
 Aging 1041  
 AGS cell line 753  
 Alcohol 552  
 Alcohol use 476  
 Allergic contact dermatitis 624  
 Allergic diseases 624  
 Allyl alcohol 969  
 Alpha-fetoprotein 333  
 Ambulatory bilirubin monitoring 796  
 Ambulatory pH-metry 234  
 Aminopyrine accumulation 686  
 Ammonia 916  
 Amyloidosis, hereditary 985  
 Anal carcinoma, cloacogenic 1194  
 Anal carcinoma, squamous 1194  
 Analgesia 1319  
 Animal models 470, 522  
 Antibodies 287  
 Antidepressants 935  
 Antidromysium antibodies 732  
 Antigens, bacterial 287  
 Antigliadin antibodies 508, 732  
 $\alpha$ 1-Antitrypsin deficiency 32  
 APC mutation 1200  
 Apolipoprotein E 966  
 Apoptosis 40, 83, 1131, 1278  
 Appetite 1041  
 Arthralgia 1301  
 Arthritis, reactive 287  
 Aspirin 242, 464  
 Atopy 624  
 Atrophic gastritis 138, 950  
 Atrophy 578  
 Attenuated familial adenomatous polyposis 1200  
 Autoimmune 1188  
 Automated databases 306  
 Autonomic nervous system 990  
 Autotransplantation 561  
 Bacteria 389, 824  
 Bacterial overgrowth 160  
 Barostat 1041  
 Barrett esophagus 2, 10, 17, 131, 796, 1238  
 Basic fibroblast growth factor 408  
 Bicarbonate 1260  
 Bile 873  
 Bile acids 642  
 Bile duct strictures 77  
 Biliary carcinoma 438  
 Biliogastroenteritis 781  
 Bilirubin 198  
 Bilirubin monitoring 904  
 Bilitec 796  
 Biopsy criteria 281  
 Biopsy systems 102  
 Blood donors 1301  
 Blood flow 190  
 Blood storage time 212  
 Bone metastasis 333  
 Bone mineral density 274  
 Bouveret 781  
 Bovine antibodies 711  
 Brain-gut axis 583  
 Breath test 607  
 $^{13}\text{C}$ -Breath test 650  
 5-Bromo-2-deoxyuridine 1238  
 Budesonide 190  
 Buprenorphine 1319  
 Butyrate 659, 1053  
 Butyrate oxidation 772  
 C5b-9 1092  
 Calprotectin 64  
 Campesterol 719  
 Cancer 131  
 Cancer prevention 950  
 Cancer surveillance 10  
 Carbohydrates 1143  
 Carbon dioxide 1260  
 Carcinogenesis 1087  
 Carcinomatous peritonitis 852  
 Cardiac carcinoma 528  
 CD45RO 1278  
 Celiac 1150  
 Cell culture 772  
 Cell proliferation 83, 1238  
 Cereal allergy 942  
 Chagasic megacolon 632  
 Children 353, 1033  
 Chloride secretion 1106  
 Cholangioscopy 1330  
 Cholecystokinin 612, 1157  
 Cholecystokinin-A receptor 612  
 Cholelithiasis 198  
 Cholelithiasis 70  
 Cholestasis 1003  
 Cholesterol 873  
 Cholesterol absorption 719  
 Chronic atrophic gastritis 476  
 Chronic hepatitis 861, 1212  
 Chronic hepatitis C 433, 642, 1092, 1288  
 Chronic intestinal pseudo-obstruction 114  
 Chronic pancreatitis 1221  
 Chronic renal failure 654  
 Clarithromycin 929  
 Clinical competence 765  
 Clinical expression 1301  
 Clinical features 54  
 Clinical investigation 904  
 Clinical outcome 1170  
 Clinical trial 1016  
 Clopidogrel 464  
*Clostridium butyricum* 1060  
*Clostridium perfringens* 559  
 Coeliac disease 172, 177, 181, 269, 274, 398, 508, 732, 942, 947, 1137  
 Colectomy 312  
 Colectomy and ileorectal anastomosis 1284  
 Colitis 190, 281, 517, 522, 559, 667, 1053, 1174, 1272  
 Collagen 747  
 Collagenous colitis 742  
 Colon 501, 556, 659, 737  
 Colon flora 184  
 Colonic diseases, functional 142  
 Colonic epithelial cells 772  
 Colonic gas production 607  
 Colonic motility 368, 380  
 Colonocyte 659  
 Colonoscopy 667, 765, 990  
 Colorectal cancer 312, 322, 413, 747, 839, 1087, 1284  
 Colorectal carcinomas 637, 1204  
 Colorectal tumor 306  
 Columnar metaplasia 10  
 Computer-assisted diagnostic systems 438  
 Concordance rate 1075  
 Congenital choledochal cyst 1324  
 Connective tissue 747  
 Conscious sedation 990  
 Constipation 114  
 Constitutive nitric oxide synthase 1131  
 Coping 759  
 Corticosteroids 517, 1003  
 Cost-effectiveness 10  
 Crohn disease 281, 287, 293, 403, 772, 824, 1068, 1075, 1157, 1163, 1272, 1278  
 Cryptosporidiosis 329  
 Cyclic adenosine monophosphate 737  
 Cyclo-oxygenase 802  
 Cystathionine 866  
 Cytokines 90  
 Cytotoxicity 873  
 Depression 1048  
 Dexamethasone 517  
 Dextran 501  
 Dextran sulfate sodium-induced colitis 1060  
 Dextran sulphate sodium 517, 1053  
 Diabetes mellitus 152  
 Diagnosis 49, 70, 138, 181, 1216  
 Diagnostic tests 438  
 Diagnostic value 438  
 Diarrhoea 54, 711, 726  
 Diet 476, 1048  
 Diet restriction 83  
 Dietary fat 166  
 Differential diagnosis 1221  
 N,N-Dimethylglycine 866

- Diversion colitis 184  
 Diverticulosis 747  
 Doppler 976  
 Doppler perfusion index 976  
 Down syndrome 177  
 Drug resistance 929  
 Drug therapy 929  
 Duodenal peristalsis 590  
 Duodenal ulcer 32, 482, 1016  
 Duodenogastric reflux 796  
 Duodenum 337  
 Dyspepsia 142, 808, 1023  
 Dysplasia 131, 950
- E-cadherin 839  
 ECE-1 1131  
 Electrolysis 322  
 Electromyogram 368  
 Electron microscopy 329  
 Emotions 583  
 Encephalopathy 546  
 Endomysial antibody 181  
 Endoscopic retrograde  
   cholangiopancreatography 96  
 Endoscopic ultrasonography 77  
 Endoscopic ultrasound 1221  
 Endoscopy 17, 925  
 Endosonography 997  
 Endothelin-1 1097, 1131  
 Endotoxin 389  
 Energy density 1143  
 Energy intake 499  
 Enteric neurons 114  
 Enteric neuropathology 114  
 Enteropathogenic *Escherichia coli* 711  
 Enteropathy 802  
 Enterotoxigenic *Escherichia coli* 711  
 Enzyme immunoassay 138  
 Enzyme-linked immunosorbent assay 49, 1188  
 Eosinophils 624, 742  
 Epidemiology 142, 152, 264, 1082, 1110, 1272  
 Epidermal growth factor 753, 1016, 1181  
 Epidermal growth factor receptor 753, 1174  
 Epithelial cell 737  
 Epstein-Barr virus 981  
 Eradication 1117  
 Eradication therapy 1023  
 Errata Facing 1121, 1233  
*Escherichia coli* 711  
 Esophageal cancer 847  
 Esophageal carcinogenesis 123  
 Esophageal neoplasm 997  
 Esophageal peristalsis 1255  
 Esophagus 131, 349  
 17 $\beta$ -Estradiol 753  
 Etiology 123, 824  
 Evaluation studies 765  
 Event-related potentials 583  
 Exercise 819  
 Experimental 389, 546  
 Experimental colitis 1266  
 Experimental model 969  
 Extracellular matrix 747  
 Exudation 190
- Faeces 726  
 Familial adenomatous polyposis 1200, 1284  
 Fas 1278  
 Fas ligand 40  
 FasL 1278  
 Fatty liver 976  
*FHIT* gene 637  
 Fibrosis 1294  
 Fine needle aspiration biopsy 1221  
 Finland 540  
 Fistula 781  
 Fluorodeoxyglucose 883  
 Folate 866  
 Follow-up study 306  
 Food hypersensitivity 1137  
 Free radicals 452  
 Fructose malabsorption 1048  
 Function 654  
 Functional bowel disorder 935  
 Functional dyspepsia 306, 935  
 Functional gastrointestinal disorder 935
- Galactose 819  
 Gallbladder 590  
 Gallbladder motility 1157  
 Gallbladder torsion 218  
 Gallstones 198, 759, 781  
 Gamma camera 590  
 Ganciclovir 852  
 Gardner syndrome 1200  
 Gastric 1260  
 Gastric acid secretion 166, 686, 916  
 Gastric blood flow 452  
 Gastric cancer 36, 847, 950  
 Gastric carcinoma 255, 528, 679  
 Gastric cardia 1082  
 Gastric emptying 269, 375, 499, 1143  
 Gastric epithelial cells 40  
 Gastric lipase 204  
 Gastric metaplasia 482  
 Gastric mucosa 791  
 Gastric mucosal damage 1131  
 Gastric slow waves 368  
 Gastric ulcer 23, 32, 452, 916  
 Gastrin 204, 578, 791, 1260  
 Gastritis 204, 255, 791, 808  
 Gastroenterology Prize for 2000 1009  
 Gastro-esophageal junction  
   compliance 705  
 Gastro-esophageal junction  
   resistance 705  
 Gastroesophageal reflux 17, 910  
 Gastroesophageal reflux disease 2, 345, 904, 1125, 1245  
 Gastrointestinal hormones 494  
 Gastrointestinal motility 368, 494, 590  
 Gastrointestinal motor function 490  
 Gastropharyngeal reflux 234  
 Gastroscopy 464, 791  
 Gastrotomy 781  
 Gene polymorphism 966  
 Gene therapy 852  
 General Health Questionnaire 264  
 General population 398, 861  
 Genetic haemochromatosis 889  
 Genetic testing 1200  
 Genetics 177  
 Genotype 359, 540  
 Germinated barley foodstuff 1060  
 Gliadin 181  
 Glucose 819, 1143
- Gluten-free 947  
 Gluten-free diet 274  
 Glypressin 426, 1308  
 Graft function 561  
 Graft-versus-host disease 667  
 Green tea 476  
 Growth factors 114, 300  
 Gut absorption capacity 1314  
 Gut hormones 522  
 Gut permeability 1314
- Healing 1016  
 Health-related quality of life 1068  
 Healthy volunteers 234  
 Heart rate 990  
 Heartburn 1245  
 Heat-shock protein 60 1188  
*Helicobacter heilmannii* 925  
*Helicobacter pylori* 2, 17, 36, 40, 49, 138, 247, 255, 260, 353, 359, 476, 578, 694, 699, 791, 808, 1023, 1033  
*Helicobacter pylori* antibodies 791  
*Helicobacter pylori* infections 32, 929, 1251  
 Hematogenic metastasis 839  
 Hematology data 1170  
 Hemochromatosis 1301  
 Hemorrhage 102, 426, 1308  
 Hepatic fibrosis 969  
 Hepatic metastases 322  
 Hepatic mitochondrial function 650  
 Hepatitis B virus 861, 957  
 Hepatitis B virus carriers 957  
 Hepatitis C 540, 1294  
 Hepatitis C virus 861, 981  
 Hepatitis C virus genotype 1b 1117  
 Hepatitis C virus infection 960  
 Hepatocellular carcinoma 83, 333, 852, 889, 981  
 Hepatocyte growth factor 23  
 Herpes simplex virus  
   thymidinekinase 852  
 HFE gene mutation 1301  
 High-performance liquid  
   chromatography 198  
 Hirschsprung disease 114  
 Histology 138, 281, 791, 925  
 HT-29 737  
 Human immunodeficiency virus 599, 1194  
 Human immunodeficiency virus-  
   positive 329  
 Human intestinal microbiota 632  
 Human papillomavirus 123, 1194  
 Humans 204, 737  
 Hydrocolonic ultrasonography 293  
 Hydrogen (H<sub>2</sub>) breath test 1048  
 Hyperamylasemia 446  
 Hypersensitivity, delayed 287  
 Hyposensitivity 426, 1308
- IceA* 36  
 IgA 726  
 Ileocolic nipple valve anastomosis 293  
 Ileum 501  
 Ileus 781  
 Image analysis 131  
 Immunohistochemistry 131, 742, 1188, 1294  
 In situ hybridization 123, 742  
 In vivo 852  
 Inborn errors of metabolism 985



- Incidence 1082, 1110  
 Incidence of antireflux surgery 345  
 Indomethacin 426, 957, 1131  
 Inducible nitric oxide synthase 694, 1131, 1204  
 Infants and children 711  
 Infection 138  
 Inflammation 408  
 Inflammatory bowel disease 64, 306, 619, 1068, 1181, 1278  
 Inflammatory bowel diseases 824, 1272  
 Instrumentation 997  
 Insulin-dependent diabetes mellitus 260  
 Insulin-like growth factor binding protein-3 1212  
 Insulin-like growth factor-i 1212  
 Interferon 642, 1117  
 Interferon alpha 433, 540, 1294  
 Interferon alpha-2b 1092  
 Interferon monotherapy 540  
 Interleukin-1 $\beta$  452  
 Interleukin-2 852  
 Interleukin-6 1092  
 Interleukin-8 247, 482  
 Intestinal absorption 599  
 Intestinal function 599  
 Intestinal infection 599  
 Intestinal inflammation 184  
 Intestinal metaplasia 17, 528  
 Intestinal neuronal dysplasia 114  
 Intestinal permeability 64, 1163  
 Intestinal resection 160  
 Intestinal secretion 726, 1106  
 Intestinal slow waves 368  
 Intraductal ultrasonography 77  
 Intraepithelial lymphocytes 942, 1137  
 Intraluminal nitric oxide 694  
 Intramucosal pH 318  
 Iron medication 1301  
 Irritable bowel syndrome 264, 306, 583  
 Ischaemia 96  
 Ischemia/reperfusion 389, 452
- Japanese men 476  
 Jaundice 438  
 Jejunal intestine 632  
 Jejunal pouch 679  
 Jejunum 501
- Km 659
- $\alpha$ -Lactalbumin 501  
*Lactobacillus plantarum* 1266  
<sup>13</sup>C-Lactose 819  
 Lactose maldigestion 819  
 Lactulose 607, 1314  
 Lamina propria mononuclear cell 737  
 Laparoscopy 345  
 Latency 942  
 Leishmaniasis 329  
 Leukocyte interferon-alpha 540  
 Light microscopy 329  
 Liver 83, 654  
 Liver biopsy 433  
 Liver cirrhosis 333, 866, 1294  
 Liver granuloma 1003  
 Long-term follow-up 1170  
 Low-level direct current 322  
 Lower esophageal sphincter pressure 910  
 Lumiaggregation 242  
 Lymph follicle (lymph nodules) 824
- Macrophage 737  
 MAGE genes 528  
 Magnetic resonance cholangiopancreatography 218, 1229  
 Malabsorption syndrome 1048  
 Malabsorption, bile acids 985  
 Malabsorption, fat 985  
 Malignant ascites 852  
 Mannitol 501  
 Mannose-binding lectin 960  
 Manometry 349  
 Mdr2 873  
 Measles 403  
 Medical care seeking 264  
 Mesenteric lymph nodes 389  
 c-Met 23, 90  
 Meta-analysis 70  
 Methionine 650  
 Methionine metabolism 866  
 Methyl group 650  
 3-O-Methylglucose 1314  
 Metoprolol 96  
 Metronidazole 699, 929  
 Mianserin 935  
 Mice 517, 1181  
 Microbial 929  
 Microsporidiosis 329  
 Migrating motor complex 494, 590, 808  
 Min mice 534  
 Morphometry 599  
 Mortality 1110  
 Mouse colitis 1188  
 Mucin ball-producing extrahepatic bile duct carcinoma 1330  
 Mucinous adenocarcinoma 556  
 Mucosa 659, 726  
 Mucosal barrier 1053  
 Mucosal injury 1174  
 Mumps 403  
 Myenteric plexus 380
- Neoplasm staging 997  
 Neurotensin 269  
 Neuroticism 759  
 Neurotransmitters 114  
 Neutralizing anti-interferon antibody 1288  
 Neutrophils 40, 482  
 Nitrate 1260  
 Nitric oxide 426, 1097, 1260, 1308  
 Nitric oxide synthase 1150  
 Nitrite 1260  
 N<sup>6</sup>-Nitro-L-arginine methyl ester 1308  
 Non-cirrhotic liver 889  
 Non-steroid anti-inflammatories 802  
 Nuclear area of cancer cells 839  
 Nuclear factor- $\kappa$ B 247  
 Nutrition 1048  
 Nutritional status 413
- Obesity 976  
 Obstetric cholestasis 966  
 Obstructive jaundice 77  
<sup>13</sup>C-Octanoic breath test 499  
 Octreotide 419  
 Oedema 190  
 Oesophageal adenocarcinoma 10  
 Oesophagus 1082  
 Omeprazole 242, 699, 796, 1238, 1245  
 Opioids 1319  
 Oral route 1016
- Oral therapy 711  
 Orocaecal transit time 166  
 Osmolality 1143  
 Osseous metaplasia 556  
 Osteomalacia 274  
 Osteopenia 172  
 Outcome assessment (health care) 1272  
 Ovalbumin 501  
 Oxidation 659
- P-glycoprotein 873  
 Pain 759  
 Pancreas 612  
 Pancreatic cancer 847, 1229  
 Pancreatic carcinoma 438, 883, 1221  
 Pancreatic cell lines 90  
 Pancreatic cyst 1229  
 Pancreatic ductal dilatation 1324  
 Pancreatic regeneration 90  
 Pancreatic surgery 1221  
 Pancreatitis 204  
 Pancreatitis, postoperative 446  
 Papillary adenoma 337  
 Papillary tumor 337  
 Papillomatous polyp 337  
 Paracetamol 375  
 Parathyroid hormone 274  
 Parathyroidectomy 446  
 Parietal cell antibodies 791  
 Patch test 624  
 Pelvic pouch 1170  
 Pepsinogen 950  
 Pepsinogen i 791  
 Peptic ulcer disease 32, 359  
 Peptide YY 166, 1157  
 Perception 583  
 Periampullary cancer 1284  
 Periportal necrosis 969  
 Peritonitis 389  
 Permeability 470, 1053  
 Pernicious anemia 847  
 Personality 759  
 Personality assessment 935  
 Pharmacokinetics 699  
 Phenotype 359  
 pH monitoring 796  
 Phorbol ester 686  
 Phosphatidylcholine 873  
 Phosphoramidon 1131  
 Physiology 561  
 Pig 546  
 Pigment gallstone 198  
 Platelet 242  
 Platelet-derived endothelial cell growth factor 413  
 Pneumatic resistometer 705  
 Polyethylene glycol marker dilution 375  
 Polymerase chain reaction 824  
 Polymorphisms 960, 1087  
 Portal hypertension 426, 490, 1097, 1308  
 Positron emission tomography 883  
 Postoperative abdominal pain 1324  
 Postoperative infection 212  
 Postoperative pancreatogram 1324  
 Postoperative recurrences 293  
 Postprandial symptoms 679  
 Potential difference 501  
 Pouch reconstruction 679  
 Prediction of treatment 935  
 Pressure monitoring 234  
 Prevalence 398, 861

- Primary peristalsis 1255  
 Probiotics 1266  
 Procaine 1319  
 Prognosis 839, 883, 1163, 1204  
 Progression 131  
 Proliferation 719  
 Prostacyclin 426  
 Prostaglandin E<sub>2</sub> 916, 1106  
 Protein kinase C 686  
 Prothrombin mutation 619  
 Proto-oncogene abnormalities 114  
 Proton pump inhibitors 578, 796, 1125, 1245  
 Psychologic factors 264  
  
 Quality of life 679, 947, 1068  
 Questionnaires 142  
  
 Rabepazole 1245  
 Radiotherapy 556  
 Rat gastric parietal cells 686  
 Rats 1174  
 Raynaud phenomenon 1251  
 Rebamipide 470  
 Receptor regulation 612  
 Rectal cancer 212  
 Rectal gluten challenge 1150  
 Recurrent pancreatitis 552  
 Reflux symptoms 1023  
 Replication 957  
 Resectability 77  
 Resection 719  
 Resistance 642  
 Restorative proctocolectomy 1284  
 Retrovirus 852  
 Review 70  
 L-Rhamnose 1314  
 Ribosomal DNA 824  
  
*Saccharomyces boulardii* 160  
 Saliva 1260  
 Sarcoidosis 1003  
 Scintigraphic technique 375  
 Scintigraphy 490  
 Scleroderma 705  
 Sclerotherapy 419  
 Screening 732  
 Secondary peristalsis 1255  
 Secretion 380  
 Sense of humor 759  
 Serologic screening 398  
 Serology 138, 403, 791  
 Serum marker 546  
 Serum nitrate 694  
 Serum pepsinogens 476  
 Sham feeding 204  
 Short-chain fatty acids 184, 1060  
 Short-term response 1092  
  
 Signet-ring-cell carcinoma 556  
 Skin bleeding time 242  
 Skin prick test 624  
 Slow-growing tumor 1330  
 Small bowel 561, 719  
 Small intestine 389, 561  
 Small-bowel adaptation 160  
 Small-intestinal bacterial contamination 985  
 Smoking 476  
 Social function 1068  
 Somatostatin 910  
 Southwestern histochemistry 247  
 Specialized columnar epithelium 2  
 Splanchnic circulation 318  
 Stable isotopes 607, 819  
 Standardized uptake value 883  
 Stereology 300  
 Stomach 1041, 1260  
 Stool 49  
*Streptococcus oralis* 287  
*Streptococcus parasanguis* 287  
 Subjective health status 1068  
 Superoxide dismutase 452, 694  
 Survival 312, 1284  
 Sweden 765, 861  
 Synovial fluid 287  
 Systemic oxygenation 413  
  
 T cell 737  
 Test 349  
 Therapy 1272  
 Thymoma 667  
 Time course 1216  
 Tolerability 464  
 Tonometry 318  
 Total gastrectomy 679  
 Total IgE 624  
 Transaminase activity 433  
 Transforming growth factor  $\alpha$  1174  
 Transforming growth factor  $\beta$ 1 742  
 Transforming growth factor  $\beta$ 2 1294  
 Transforming growth factor- $\alpha$  dextran sulfate colitis 1181  
 Transfusion 212  
 Transient lower esophageal sphincter relaxation 910  
 Translocation 389  
 Transmural potential difference 380  
 Transplantation 561  
 Transplantation, liver 985  
 Treatment 540, 925  
 Treatment failure 929  
 Triple and quadruple eradication regimens 260  
 Trophic factors 522  
 Trypsin-2- $\alpha$ 1-antitrypsin 1216  
 Trypsinogen-2 1216  
 Tumor necrosis factor 1294  
  
 Tumor necrosis factor- $\alpha$  40, 452  
 Tumor-rejection antigens 528  
 Tumour progression 83, 408  
 Tumour staging 1221  
 Tumour suppressor gene 637  
 Twin register 1075  
  
 Ubiquinone 83  
 Ulcer disease 1023  
 Ulcer healing 23  
 Ulcerative 1272  
 Ulcerative colitis 281, 312, 408, 624, 772, 824, 1075, 1170, 1181, 1188, 1278  
 Ultrasonography 499  
 Ultrasound 269  
 Ultrasound attenuation 172  
 Ultrasound methods 997  
 Ultrasound-guided biopsy 102  
 Ultrastructural 329  
 Ultrastructure 1033, 1188  
 United states 152  
 Upper gastrointestinal symptoms 152  
 Urea breath test 138, 1251  
<sup>13</sup>C-Urea breath test 353  
<sup>15</sup>N-Urea urine test 353  
 Ursodeoxycholic acid 642  
  
 Vagal withdrawal 96  
 Variceal bleeding 419  
 Vasoactive intestinal polypeptide 737  
 Venous thrombosis 619  
 Villoglandular adenoma 337  
 Villoglandular polyp 337  
 Villous adenoma 337  
 Villous papilloma 337  
 Villous tumors 337  
 Viridans streptococci 287  
 Viruses 403  
 Vitamin B<sub>6</sub> 866  
 Vitamin B<sub>12</sub> 866  
 Vitamin D 274  
 Vitamin-D receptor genes 172  
 Volvulus 218  
  
 Well-being 947  
 Wheat starch 947  
 White wine 1255  
  
 D-Xylose 1314  
  
*Yersinia enterocolitica* 1188  
 Young adults 255  
  
 Zoonosis 925

